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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/050,200
Filing Date	January 16, 2002
First Named Inventor	Anne M. Fourie
Group Art Unit	1652
Examiner Name	Walicka
Attorney Docket Number	ORT-1417

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
MW		5,981,200		Tsien et al.	11/09/1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.[1]	Foreign Patent Document Office[3]	Number[4]	KindCode[5]	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T[6]
MW		WO	02/20011	A2	Ortho McNeil Pharmaceutical, Inc.	14 March 2002		

Examiner Signature	MWalicka	Date Considered	10/24/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial* number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Sheet 1 of 2

Application Number	10/050,200
Filing Date	January 18, 202
First Named Inventor	FOURIE, et. al.
Group Art Unit	1646
Examiner Name	
Attorney Docket Number	ORT-1417

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.[1]	U.S. Patent Document Number	Kind Code* (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear

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dw		WO	00/05256	A1	DU PONT PHARMACEUTICALS COMPANY	02/03/2000		

Examiner Signature		Date Considered	10/24/04

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

Application Number	10,050,200
Filing Date	January 18, 2002
First Named Inventor	FOURIE, et. al.
Group Art Unit	1646
Examiner Name	
Attorney Docket Number	ORT-1417

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.[1]	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
dw	1	ABBASZADE, I., et. al., "Cloning and Characterization of ADAMTS11, an Aggrecanase from the ADAMTS Family", The Journal of Biological Chemistry, 1999 Vol 274(33):23443-23450.	
dw	2	BAILEY, S., et al., "Selective Inhibition of Low Affinity IgE Receptor (CD23) Processing: P1' Bicyclomethyl Substituents," Bioorganic & Medicinal Chemistry Letters 1999 9:3165-3170.	
dw	3	CATERSON, B., et. al., "Mechanisms involved in cartilage proteoglycan catabolism," Matrix Biology 2000 19:333-344.	
dw	4	CHEN, J., et. al., "Design, Synthesis, Activity, And Structure Of A Novel Class Of Matrix Metalloproteinase Inhibitors Containing A Heterocyclic P2'-P3' Amide Bond Isostere," Bioorganic & Medicinal Chemistry Letters, 1996 Vol 6(13):1601-1606	
dw	5	HORBER, C., et. al., "Truncation of the amino-terminus of the recombinant aggrecan rAgg1(mut) leads to reduced cleavage at the aggrecanase site. Efficient aggrecanase catabolism may depend on multiple substrate interactions," Matrix Biology 2000 19:533-543.	
dw	6	LOHMANDER, L. S., et al., "The Structure of Aggrecan Fragments in Human Synovial Fluid," Arthritis & Rheumatism, 1993 36(9):1214-1222	
dw	7	PRATTA, M., et. al., "Age-related Changes in Aggrecan Glycosylation Affect Cleavage by Aggrecanase," Journal of Biological Chemistry, 2000 Vol. 275(50):39096-39102.	
dw	8	PRIMAKOFF, P., and MYLES, D. G., "The Adam gene family surface proteins with adhesion and protease activity," Trends Genet 2000 16(2):83-87	
dw	9	ROGHANI, M., et. al., "Metalloprotease-Disintegrin MDC9: Intracellular Maturation and Catalytic Activity," Journal of Biological Chemistry, 1999 Vol 274(6):3531-3540.	
dw	10	SANDY, J.D., et. al., "The intermediates of aggrecanase-dependent cleavage of aggrecan in rat chondrosarcoma cells treated with interleukin-1," Biochemistry Journal 2000 351:161-166	
dw	11	TANG, B. L., and Hong, W., "ADAMTS: A novel family of proteases with an ADAM protease domain and thrombospondin 1 repeats," FEBS Letters 445:223-225 1999	
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dw	13	TORTORELLA, M. D., et. al., "Purification and Cloning of Aggrecanase-1: A Member of the ADAMTS Family of Proteins," 1999 Vol 284:1664-1666	
dw	14	Medline 98403880, 1998	
dw	15	Medline 99367476, 1999	

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